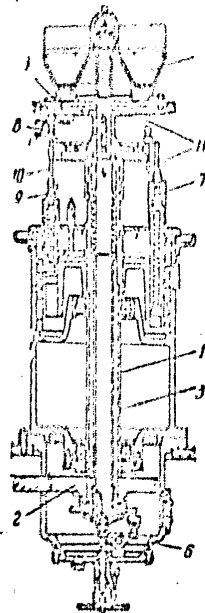


ACC NR, AP6015690

gate, while the other blocks the gate through an index pin with a spring when there is no packing in the working position of the rotor.

1--outer sleeve; 2--gear; 3--inner rod; 4-- hopper;
5--batcher gate; 6--vibrator; 7--rod; 8--lever which
moves the batcher gate; 9--second rod; 10--packing;
11--index pin with spring

SUB CODE: 13, 14/ SUBM DATE: 18Jan64



Card 2/2

ACC NR: AP6015690

(A)

SOURCE CODE: UR/0413/66/000/009/0088/0088

INVENTOR: Zazhigin, A. S.; Khomenko, V. I.

ORG: None

TITLE: An automatic continuous rotating machine for measuring out bulk doses of dangerously explosive powdered materials. Class 42, No. 181328

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 88

TOPIC TAGS: explosive, measuring apparatus, material handling

ABSTRACT: This Author's Certificate introduces: 1. An automatic continuous rotating machine for measuring out bulk doses of dangerously explosive powdered materials. The unit contains a batching rotor with hopper, batcher gate and control mechanism. Also incorporated in the device are two conveyer rotors, a feed unit and a drive. Productivity is increased by making the batching rotor in the form of a rotating collapsible shaft with an outer sleeve kinematically connected to the drive mechanism and an inner rod which rotates in sync with the outer sleeve and is rigidly connected to the hopper and batcher gates. In this way the hopper and gates are rotated and axially oscillated by a vibrator connected to the drive mechanism. 2. A modification of this machine in which the control mechanism for the batcher gate is made in the form of two rods: one connected to the lever for moving the batcher

Card 1/2

UDC: 681.268.4

ZAZADEL, A. N.

4116 AEC-L-2468

SPECTRUM AND ENERGY LEVELS OF THE POLONIUM
ATOM. E. A. Yezov, A. N. Zazadel, and K. G. Shvabellik.

Translated from Soviet Akad. Nauk S.S.R. 104, 710-13
(1965). Sp.

An abstract of this paper appears in Nuclear Science
Abstracts as NSA 10-1818. (L.M.T.)

3
RMV 10/1

RMV 10/1

ZAZHARSKIY, I.K., inzh.

Increasing the performance efficiency of drum granulators.
Stroi.mat. 5 no.8:26-28 Ag '59. (MIRA 12:12)
(Slag) (Crushing machinery)

PUKHAL'SKIY, G.V., kand.tekhn.nauk; LEPIN, Yu.E., inzh.; ZAZHARSKIY, I.K.,
inzh.

Cascade method of producing slag pumice. Stroi. mat. 7 no.4:13-14
Ap '61. (MIRA 14:5)
(Slag) (Dnepropetrovsk--Aggregates (Building materials))

ZAZHARSKIY, I.K., inzh.; ODINTSOV, B.N., kand.tekhn.nauk

Casting slag products in multiple forms. Stroi.mat. 9 no.12:16-18
D '63. (MIRA 17:3)

ZAZHARSKIY, I. [Zashars'kiy, I.], inzh.

Casting properties of blast-furnace slags from the Petrovs'kiy
Plant. Bud.mat.i konstr. no.5:45-48 S-0 '62. (MIRA 15:11)
(Slag)

ZAZHARSKIY, A.N.

Transistorized cadence pulse generator for feeding three-
cycle ferrite-diode components. Avtom. i prib. no.1:
45-48 Ja-Mr '65. (MIRA 18:8)

ZAZERYAVSKAYA, V. G.

ZAZERYAVSKAYA, V. G.: "A study of the keeping qualities of carrots as a function of warehousing conditions." Min Higher Education Ukrainian SSR. Khar'kov Order of Labor Red Banner Agricultural Inst imeni V. V. Dokuchayev. Khar'kov, 1956. (Dissertations for the Degree of Doctor in Agricultural Sciences).

SO: Knizhnays Letopis' No. 22, 1956

BORISOV, N.Ya., red.; ZAZERSKIY, Ye.Ya., red.; PANOV, N.N., red.; POPOV,
N.N., red.

[Special issue "Let's prepare for the 22nd Congress of the CPSU]
Spetsial'nyi vypusk: Navstrechu XXII s"edzu KPSS. Leningrad,
Lenizdat, 1961. 175 p. (MIRA 14:8)
(Russia--Industries) (Agriculture --Labor productivity)

BELOGOLOVTSEV, Aleksey Fedorovich; ZAZMRSKIY, Ye.Ye., otv.red.;
SHCHERBAKOVA, G.A., red.izd-va; BOCHEVER, V.T., tekhn.red.

[Struggle to increase labor productivity; from the experience of certain party organizations in Leningrad industrial enterprises (1951-1955)] Bor'ba za povyshenie proizvoditel'nosti truda; iz opyta raboty nekotorykh partiinykh organizatsii promyshlennykh predpriyatii Leningrada, 1951-1955 gg. Leningrad, Izd-vo Akad.nauk SSSR, 1960. 151 p.

(MIRA 13:7)

(Leningrad--Labor productivity)

TABAKOV, P.M.; ZAZERSKIY, Ye.I., inzh., retsenzent; GUTNER,
N.G., inzh., red.

[Jig boring] Koordinatno-rastochnye raboty. Moskva,
Mashinostroyeniye, 1965. 238 p. (MIRA 18:12)

LAZERSKIY, Ye. I.

Increasing Labor Productivity in Machine Building (Voprosy povysheniya
proizvoditel'nosti truda v mashinostroenii) Gosudarstvennoye nauch-tekhn.
izdat. mashinostroitel'. literatury, Moscow, 1957. 511 pp.
(Table of Contents authors below)

This collection presents a comparative tech. and economic analysis of
most effective methods and industrial processes for obtaining high labor productivity
in machine building. Output may be stepped up by further standarization of machine
tools, materials, and production methods; drawing on unused potentials.
Covers all stages of planning and production as performed in modern plants of
USSR, actual experience, and new methods are discussed.

LAZERSKIY, Ye. I., "Technical Steps Taken to Increase Labor Productivity in
Machine-Tool Plants (experience of thea Machine-Tool Plant imeni Sverdlov), p. 409.

TERENT'YEV, Ivan Stepanovich; ZAZERSKIY, Ye.I., inzh., ratsenzent;
BLYUMBERG, V.A., kand.tekhn.nauk, red.; VARKOVETSKAYA, A.I.,
red.izd-va; SHCHETININA, L.V., tekhn.red.

[Drilling machines and their operation] Sverlil'nye stanki i
rabota na nikh. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1960. 206 p. (MIRA 13:9)
(Drilling and boring machinery)

ZAZERSKIY, Ye. B.

Mechanization and automation of production processes at the
Leningrad Machine-Tool Plant. Stan.1 instr. 32 no.9:5-7
'61. (MIRA 14:8)

(Leningrad--Machine-tool industry--Technological innovations)
(Automation)

ZAVERSKIY, Yevgeniy Ivanovich; GUTNER, Naum Grigor'yevich; KROPIVNITSKIY,
N.M., inzh., retsenzent; AZAROV, A.S., kand.tekhn.nauk, red.;
LEYKINA, T.L., red.isd-vs; SHCHETININA, L.V., tekhn.red.

[Boring-machine operator] Tokar'-rastrochnik. Moskva, Gos.nauchno-
tekhn.isd-vo mashinostroit.lit-ry, 1960. 414 p. (MIRA 13:9)
(Drilling and boring machinery)
(Metal cutting)

ZAZERSKIY, Ye.I.

Automation of the machining of shafts. Stan. i instr. 32 no.5:20-24
My '61. (MIRA 14:5)
(Machine tools) (Automation)

ZAZERSKIY, YE. I.

PLATE I BOOK EXPLANATION SEP/672

1964) regarding machine tool production; is a part of the series of books in the Machine Building Industry: Practices of Machine Building (Moscow: Mashinostroyeniye, 1979. 256 p. 3,000 copies printed. General Ed.: A.M. Tsvetkov, Candidate of Technical Sciences; Ed.: N.S. Chernova. Tech. Ed.: I.K. Tsvetkov.

PURPOSE: This collection of articles is intended for workers and technical personnel of the machine-building industry.

CONTENTS: The book contains principal trends in the utilization of unused production capacity of machine building plants and enterprises with a view to realize these reserves. On the basis of examples drawn from the practice of machine building plants of the USSR, the authors show how to utilize the unused production capacity by applying the following measures: improvement of the processability of mechanical parts; bringing the shapes and sizes of blanks closer to the shapes and sizes of the finished parts; increasing technological processes and introduction of new ones; and a comprehensive approach to the organization of the equipment. The problem of utilizing unused capacity in the production of heavy machinery is dealt with separately. In particular, the utilization of heavy machinery is dealt with separately. In particular, the utilization of heavy machinery is dealt with separately. In particular, the utilization of heavy machinery is dealt with separately.

REMARKS: The book contains principal trends in the utilization of unused production capacity of machine building plants and enterprises with a view to realize these reserves.

REMARKS: The book contains principal trends in the utilization of unused production capacity of machine building plants and enterprises with a view to realize these reserves.	104
REMARKS: The book contains principal trends in the utilization of unused production capacity of machine building plants and enterprises with a view to realize these reserves.	124
REMARKS: The book contains principal trends in the utilization of unused production capacity of machine building plants and enterprises with a view to realize these reserves.	145
REMARKS: The book contains principal trends in the utilization of unused production capacity of machine building plants and enterprises with a view to realize these reserves.	171
REMARKS: The book contains principal trends in the utilization of unused production capacity of machine building plants and enterprises with a view to realize these reserves.	182
REMARKS: The book contains principal trends in the utilization of unused production capacity of machine building plants and enterprises with a view to realize these reserves.	199
REMARKS: The book contains principal trends in the utilization of unused production capacity of machine building plants and enterprises with a view to realize these reserves.	233
REMARKS: The book contains principal trends in the utilization of unused production capacity of machine building plants and enterprises with a view to realize these reserves.	8

Automation of Mechanical Machining Processes (Cont.)

SOV/4143

SECTION III.

AUTOMATION IN LOT PRODUCTION BASED ON THE
GROUP MACHINING METHOD

Mitrofanov, S.P. Group Method as the Basis of Automation in
Lot Production 268

Kostygov, I.N. The New Model 1140 Single-Spindle Automatic
Turret Lathe 314

Vil'davskiy, I.M., and G.V. Borodavchenko. Mechanization of
Assembly and Automation of Machining at the Zavod imeni Lense
(Plant imeni Lense) 331

Bibliography 355

AVAILABLE: Library of Congress

Card 5/5

VK/pw/mas
10-25-60

Automation of Mechanical Machining Processes (Cont.)	SOV/4143	
Razygrayev, A.M., and Z.A. Dvorin. Boring Machine Model 262PR With Numerical Control		189
Vlasov, M.G., Yu. B. Gerasimenko, and M.A. Trzhetsyak. Drilling Machine With Program Control		202
Razi, A.A. The Use of Potentiometric Functional Transducers as Setting Devices in Program Control Systems		215
Shafranskiy, P.F. Numerical Program Control With Relay-Contact Device for Setting the Magnitude of Tool Displacements		232
Pakidov, P.A. Intermittent Single-Coordinate Program Control System for Lathes		243
Razumovskiy, A.P. Experience Gained in the Use of the Spynu Program Control System on Turret Lathes [O.A. Spynu, Candidate of Technical Sciences]		254

Automation of Mechanical Machining Processes (Cont.)

SOV/4143

Zazerskiy, Ye. I. Contour Turning at the Stankostroitel'nyy zavod imeni
Ya. M. Sverdlova (Machine-Tool Plant imeni Ya. M. Sverdlov) 99

Kutuzov, L.M., and A.M. Kats. Experience Gained in the Use of Hydraulic
Slide Rests in Lot Production 113

Barskiy, M.E., and V.N. Trutnev. V.N. Trutnev's Hydraulic Copying Slide
Rest 127

SECTION II.

NUMERICAL PROGRAM CONTROL

Kucher, I.M. Use of Numerical Program Control for the Automation of
Machine Tools in Small-Lot Production 139

Voronov, A.A., G.N. Sokolov, G.G. Kornitenko, and B.L. Yermilov.
Numerical Computing Device for Controlling Machine Tools During
Machining of Second-Order Curves 167

Card 3/5

Automation of Mechanical Machining Processes (Cont.) SOV/4143

for the simplest control systems, and a number of the original systems are described. Automation problems involved in the group machining method are investigated. No personalities are mentioned. There are 57 references: 46 Soviet and 11 English.

TABLE OF CONTENTS:

Foreword 3

SECTION I.

HYDRAULIC COPYING SLIDE RESTS

Kucher, I.M. Use of Hydraulic Slide Rests in the Automation of Machining Operations 5

Blyumberg, V.A. Economic Effect of the Use of Hydraulic Slide Rests and Accuracy of Machining 33

Gushchin, V.F. Experimental Investigation of the Rigidity of Hydraulic Slide Rests and the Methods for Correction of Master-Form Dimensions 59

Card 2/5

ZAZERSKIY, YE.I.

PHASE I BOOK EXPLOITATION

SOV/4143

Avtomatizatsiya mekhanicheskoy obrabotki v Leningradskoy promyshlennosti
(Automation of Mechanical Machining Processes in Leningrad Industry) Moscow,
Mashgiz, 1959. 358 p. Errata slip inserted. 4,000 copies printed.

General Ed.: I.M. Kucher; Reviewers: N.V. Reshetikhin, Candidate of Technical
Sciences, Docent, and Ye. V. Miller, Candidate of Technical Sciences, Docent;
Eds. of Publishing House: T.L. Leykina and M.A. Ohfas; Tech. Ed.: O.V.
Speranskaya; Managing Ed. for Literature on Machine-Building Technology
(Leningrad Division, Mashgiz): Ye. P. Naumov, Engineer.

PURPOSE: This book is intended for technical personnel.

COVERAGE: The book deals with the automation of mechanical machining processes in
small-lot production in Leningrad industry. The use of hydraulic copying slide
rests is explained, and practical experience in the introduction of copying slide
rests into leading Soviet plants is described. The improvement of such slide
rests, the technical and economic effects resulting from their usage, and methods
of designing master forms are discussed. New designs of hydraulic slide rests
are described. Emphasis is laid upon problems of program control, especially

Card 1/5

BLYUMBERG, V.A.; ZAZERSKIY, Ye.I.

Efficient fastening of workpieces in carrier centers. Stan. 1
instr. 29 no.7:18-20 J1 '58. (MIRA 11:9)
(Machine-shop practice)

PODPORKIN, V.G.; ZAZERSKIY, Ye. I., inzh., ratsenzent; OGLOBLIN, A.N., dotsent, red.; BORODULINA, I.A., red.izd-vs; VARKOVETSKAYA, A.I., red.izd-vs; SHCHETININA, L.V., tekhn.red.

[Machining nonrigid parts] Obrabotka nezhestkikh detalei.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959.
207 p. (MIRA 12:12)
(Metal cutting)

VASIL'YEV, Nikolay Nikolayevich; FARDENOV, M.Z., inzh., retsentsent; KUDA-
SOV, G.F., kand. tekhn. nauk, red.; ZAZERSKIY, Ye.I., inzh.
red.; BORODULINA, I.A., red. izd-va; NIKOLAYEVA, I.D., tekhn. red.

[Cylindrical external grinding] Krugloe naruzhnoe shlifovanie. Pod
obshchei red. G.F.Kudasova. Moskva, Gos. nauchno-tekhn. izd-vo ma-
shinostroit. lit-ry, 1961. 87 p. (Biblioteka shlifovshchika,
no.2) (MIRA 14:11)

(Grinding and polishing)

ZAZERSKIY, K., inzhener

Movable metal forms. Na stroi. Ros. no.5:27 My '61.
(Concrete construction--Formwork) (MIRA 14:7)

ZHGUN, Viktor Petrovich; ZAZERSKIY, K.I., inzh., retsenzent; STAROVYTOV, I.F., red.izd-va; VORONETSKAYA, L.V., tekhn.red.

[Brigade plan for the introduction of new techniques] Brigadniy plan vnedreniya novoi tekhniki; iz opyta raboty Leningradskogo Poliiustrovskogo domostroitel'nogo kombinata. Leningrad, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1961. (MIRA 15:2)
78 p.

1. Zamestitel' nachal'nika Tekhnicheskogo upravleniya Glavnogo leningradskogo upravleniya po zhilishchnomu i grazhdanskomu stroitel'stvu (for Zazerskiy).
(Leningrad---Building)

ZAVERSKIY, K., inzh.

Constructing reinforced concrete cylindrical shell foundations.
Na stroi.Ros. 3 no.4:29-30 Ap '62. (MIRA 15:9)
(Reinforced concrete construction)

ZAZERSKIY, K.

Practices of housing construction combines of the Main Administration for Housing and Public Construction in Leningrad. Stroitel. 1 arkhitek. 8 no.6:22-24 Je '60. (MIRA 13:6)

1. Glavnyy inzhener trosta "Leningradorgstroy".
(Leningrad--Precast concrete construction)

Prefabricated-house combines of the Main Administration for Housing and Public Construction in the City of Leningrad.
Zhil.stroi. no.10:2-7 '59. (MIRA 13:2)

1. Glavnyy inzhener trasta Leningradstroy.
(Leningrad--Precast concrete construction)

ZAZERSKIY, K.I., inzh.; VOLKOV, N.I., inzh.

New spatial sanitary-engineering unit. Biul.tekh.inform.po stroi.
5 no.12:15-16 '59. (MIRA 13:4)
(Precast concrete construction) (Sanitary engineering)

ZAZERSKIY, K., inzh.

Plant frame made of precast prestressed reinforced concrete.
Stroitel' no. 8:2-3 Ag '58.
(Leningrad--Precast concrete construction)

1.
ZAZERSKIY, K.V.; MIKHALYCHEV, I.M.

New synthetic building materials. Bial. tekhn. inform. 4 no. 6:27-
28 Ja '58. (MIRA 11:7)

(Plastics)

ZAZERSKIY, K.I., inzh.; GOL'VBERG, I.B., arkhitektor.

Exhibition of models of standard economical apartments in Leningrad.
Bul tekhn. inform. 4 no.2:27-29 # '58. (MIRA 11:3)
(Interior decoration)

ЗАДАЧА 1.
ЗАДАЧА 1. insh.

Precast thin shell roofs. Stroitel' no.3:22 Mr '58. (MIRA 11:2)
(Roofs, Shell)

ZAZERSKIY, K.I., inzhener.

Manufacturing precast components for reinforced concrete fences.
Nov.tekh.i pered.op.v stroi. vol.19:21-22 Ag '57. (MIRA 10:10)
(Fences) (Precast concrete)

~~ЗАЗЕРСКИЙ, К. П.~~

~~ЗАЗЕРСКИЙ, К., инж.~~

A prefabricated gallery with a span of 38 meters. Stroitel'
no.9:7 S '57. (MIRA 10:12)
(Precast concrete construction)

ZAZERSKIY, K. I.

MONOSZON, B.I., kand.tekhn.nauk; ZAZERSKIY, K.I., inzhener.

Long-span precast reinforced concrete conveyer ways. Biul.tekh.
inform. 3 no.9:6-11 S '57. (MIRA 10:11)
(Conveying machinery) (Prestressed concrete construction)

ZAZERSKIY, K.I.
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Windows and balcony doors with twin sashes. Biul.tekh.inform. 3
no.8:10-14 Ag '57. (MIRA 10:10)
(Sashes) (Windows) (Doors)

2AZERSKIY, K.

2AZERSKIY, K., inzhener.

Machine for making curbstones. Stroitel' no.6:25 Je '57. (MIRA 10:4)
(Curbstones)

ZAZERSKIY, K.I., inzhener.

A prestressed reinforced concrete gallery made at the No.5 Factory
of the Ministry of the Industry of Building Materials. Biul.tekh.
inform. 3 no.5:32 '57. (MIRA 10:10)
(Precast concrete construction)

ZAZERSKIY, K.I., inzhener

New methods in finishing work. Nov.tekh. i pered.op. v stroi.
18 no.12:17-18 D '56. (MLRA 10:1)
(Painting, Industrial) (Wallpaper)

SAZERSKIY, K.I., inzhener.

Using prestressed reinforced concrete girders. Bet.1 shel.-bet.
no.11:391-393 N '56. (MLRA 9:12)
(Girders) (Prestressed concrete)

ZAZERSKIY, K. I. Eng.

Hoisting Machinery

Telescopic hoisting platform on a truck. Mekh.stroi. 9 No. 6, 1952

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

ZAZERSKIY, K.

Chamberless finishing of reinforced concrete. Na stroi, Ros. 3
no.8:30 Ag '62. (MIRA 15:12)

1. Zamestitel' nachal'nika tekhnicheskogo upravleniya Glavnogo
stroitel'nogo upravleniya pri ispolnitel'nom komitete Leningrad-
skogo gorodskogo soveta deputatov trudyashchikhsya.
(Reinforced concrete)

ZAZERSKIY, K.; ZAKIN, Ya.

Transportation procedures of the housing construction combines.
Na stroi. Ros. no.11:25-28 N '61. (MIRA 16:7)

1. Zamestitel' nachal'nika tekhnicheskogo upravleniya Glavnogo
Leningradskogo upravleniya po zhilishchnomu i grazhdanskomu
stroitel'stvu (for Zazerskiy). 2. Nachal'nik laboratorii
Leningradskogo filiala Nauchno-issledovatel'skogo instituta
avtomobil'nogo transporta (for Zakin).
(Building materials--Transportation)

ZAZERSKIY, G.D.

Realization of Lenin's ideas about the creative activity of the
masses during the large-scale building of communism. Sbor. st.
LITMO no.49:67-81 '60. (MIRA 15:1)
(Lenin, Vladimir Il'ich, 1870-1924)
(Labor and laboring classes)

ZAZECKIENE, K.; DOVYDAITIS, V.; GLEBAVICIENE, S., red.

[Pea culture] Zirniu auginimas. Vilnius, Valstybine
politines ir mokslines lit-ros leidykla, 1963. 45 p.
[In Lithuanian] (MIRA 17:8)

L 16736-66 EWT(1)/ECC/ETA(h) CW
ACC NR AR5015147

UR/0169/65/000/006/A019/A019
551.593.653

33
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SOURCE: Ref. zh. Geofizika, Abs. 6A101

AUTHOR: Vasil'yev, N.V.; Zhuravlev, V.K.; Zasdravnykh, N.P.; Prikhod'ko, T.V.;
Demin, D.V.; Damina, L.N.

TITLE: Connection between noctilucent clouds and some parameters of the ionosphere

CITED SOURCE: Dokl. 3-y Sibirsk. konferentsii po matem. i mekhan., 1964, Tomsk.
Tomskiy un-t, 1964, 302-303

TOPIC TAGS: ionosphere, ~~cloud formation~~, cloud level, atmospheric cloud

TRANSLATION: In Tomsk, during the summer of 1963, noctilucent clouds were observed eleven times. A comparison with the state of the ionosphere showed that, as a rule, these clouds were accompanied by a lowering of the average altitude of the sporadic stratum E.

SUB CODE: 04/

~~INDEX~~ 00

SUBM DATE: NONE

Card 1/1 vmb

ZAZDRAVNYKH, I.F., ingh.

Influence of technological factors on the quality of the mechanical type
of 18KhGT steel. Stal' 24 no.9:792-799 3 16a. (1011-7310)

ZA ZDRAVNYKH, I.F., inzh.

Effect of the conditions of preparing ingot molds on the surface
quality of finished rolled products. Stal' 23 no.5:410-413
My '63. (MIRA 16:5)

1. Kuznetskiy metallurgicheskiy kombinat.
(Ingot molds)
(Rolling (Metalwork)—Quality control)

ZAZANASHVILI, T.G.

Rapid method for determining the moisture content of ceramic
pastes and materials. Stek. i ker. 17 no. 11:42-43 N '60. (MIRA 13:12)
(Ceramic materials) (Moisture--Measurement)

ZAZADZI, Kiri, inz.; VOSYKA, Jiri, inz.

Problems of intensification of aluminum producing electrolytic cells with the vertical current supply. Hut listy 18 no. 12: 871-875 D '63.

1. Zavod Slovenskeho narodneho povstania, Ziar nad Hronom.

ZAZAZA, F.

[Let us increase sugar beet yield] Kyzylchanyyn tushuman
arttyrally. Frunze, Kyrgyzstan mamlekettik basmasy,
1962. 19 p. [In Kirghiz] (MIRA 17:10)

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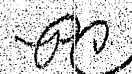
ACC NR: AP5027024

$$\frac{d^2 j}{dv^2} + |f|^{a-1} \frac{dj}{dv} + f = 0,$$

$$j(0) = 0; \quad \left. \frac{dj}{dv} \right|_{v=0} = \frac{U}{s} \left(\frac{1.5^a}{a a_0 h} \right)^{\frac{1}{1-a}} = A,$$

which are solved numerically on the computer Ural-1. The results are plotted as a j/A versus vt graph for various values of the parameter a . It is shown that for $a \approx 0.14$ (vylite), the optimum regime is defined by the condition $A \approx 30$, where the first current amplitude equals 65% of the amplitude corresponding to the sustained oscillations, and the second is lower by an order of magnitude. These results are verified experimentally on a 130-mm diameter, 50-mm thick "vylite" disk. The current densities attained in the circuit were as high as 1 to 1.3 kA/cm² at 4 to 6 μ sec duration. It is shown that the current density pulse increases substantially if the disk is connected in parallel to the circuit. Orig. art. has: 9 equations, 4 figures, and 3 tables. [04]

SUB CODE: 09/ SUBM DATE: 07Sep64/ ORIG REF: 001/ OTH REF: 001/ ATD PRESS:


Card 2/2

1 7936-66

SOURCE CODE: UR/0120/65/000/005/0123/0128

ACC NR: AP5027024

AUTHORS: Zayyents, S. L.; Nikolayevskaya, N. N.; Shneyerson, G. A. 26
23

ORG: Leningrad Polytechnic Institute (Leningradskiy politekhnicheskii institut)

TITLE: Obtaining unipolar current pulses with 10—100 kamp heights

SOURCE: Priory i tekhnika eksperimenta, no. 5, 1965, 123-128

TOPIC TAGS: circuit theory, electric resistance, nonlinear effect, electric capacitance, *electric current*

ABSTRACT: Unipolar current pulses are obtained by connecting a capacitor bank with inductive load and nonlinear resistance in series with an electric discharge circuit. The nonlinear resistance depends on the current in a manner given by $R \propto |I|^{1-\alpha}$ where, in practice, (e.g., in carborundum products such as tyrite) $0.13 \leq \alpha \leq 0.22$. Analysis of the above circuit leads, after nondimensionalization, to equations

Card 1/2

UDC: 621.373 2

GEY, V.V.; ZAYTSEV, S.I.

Time lag of the impulse corona. Zhur. eksp. i teor. fiz. 17 no. 5:450-459
'47. (MLBA 6:7)

1. Leningradskiy politekhnicheskii institut im. M.I. Kalinina.
(Electric discharges)

An investigation of controlled ...

S/057/62/032/011/010/014
B104/B102

electrodes are hemispherical. The apparatus for the experiment (Fig. 3) comprised nine cells (capacitor, discharger, delay cable). The average time $\bar{\tau}$ and the maximum and the minimum time between switching on the ignition pulse at a discharger and the moment of its break-down were determined by oscillographs. Conclusions: All the nine dischargers operate well with a discharge gap of 50 mm at potentials of up to 100 kv. If the potential is lowered to 95 kv, nonsynchronous operation of the individual dischargers ensures. At a potential of 110 kv the times $\bar{\tau}$ of the nine dischargers lie between 0.11 and 0.15 μsec , and at 100 kv between 0.15 and 0.20 μsec . The dischargers operated in synchrony also when the deviation of τ somewhat exceeded the delay time. There are 5 figures and 1 table.

ASSOCIATION: Leningradskiy politekhnicheskii institut im. M. I. Kalinina
(Leningrad Polytechnic Institute imeni M. I. Kalinin)

SUBMITTED: November 30, 1961

Fig. 1. Diagram of dischargers connected in parallel.

Card 2/3

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20.2012
AUTHORS: Zayyents, S. L., Kichayeva, G. S., and Shkuropat, P. I.
TITLE: An investigation of controlled spark dischargers operating in parallel

PERIODICAL: Zhurnal tekhnicheskoy fiziki, v. 32, no. 11, 1962, 1386-1391

TEXT: To avoid the disadvantage inherent in simply connected dischargers (Fig. 1a), an improved scheme as shown in Fig. 1b is proposed; during the operation of one of the dischargers the potential of the other one varies only within a certain period of time. The change in potential is determined by the propagation time of the electromagnetic wave along the cables K_1 and K_2 between the operating and nonoperating dischargers. This requires that the delay time should not be shorter than the possible spread of the time of operation of all the dischargers. The experiments were carried out on dischargers developed in 1958 in the Laboratoriya tekhniki vysokikh napryazheniy Leningradskogo politekhnicheskogo Instituta (Laboratory of High-voltage Technique of the Leningrad Polytechnic Institute). The dischargers have variable discharge gaps and the

Card 1/3

ZAYYENTS, S.L.; KICHAYEVA, G.S.; SHKUROPAT, P.I.

Parallel operation of controllable spark gaps. Zhur. tekhn. fiz.
32 no.11:1386-1391 N '62. (MIRA 15:11)

Leningradskiy politekhnicheskiy institut imeni Kalinina.
(Electric discharges)

CHY, V.V.; ZAYENTS, S.L.

Investigation of impulse corona by means of a cathode ray oscillograph.
Zhur.eksp. i teor.fiz. 17 no.5:437-449 '47. (MLBA 6:7)

1. Leningradskiy politekhnicheskii institut im. M.I.Kalinina.
(Electric discharges) (Cathode ray oscillograph)

ZAYYENTS, S. L.,

"Experimental Research and Methods of Calculating Wave Distortion in Transmission
In lines Due to Surge-type Corona," with KOSTENKO, M. V., and LYAFIN, A. G.,
p 342.

High Voltage Technique, Moscow, Gosenergoizdat, 1958, 664pp
(Series: Its Trudy, No. 195)

This collection of articles sums up the principal results of investigations and studies made by Prof. A. A. Gorev, Dr. Tech. Sci., and his staff in the field of high voltage phenomena and techniques at LPI (Leningrad Polytech Inst.) It was at this institute that Prof. Gorev completed his higher scientific education and then taught and carried on his investigations in the field until his death in 1953. In 1956, by decree of Min of Higher Education, the High-Voltage Lab. at LPI was named after A. A. Gorev.

ALEKSANDROV, G.N., kand. tekhn. nauk; ZAYYENTS, S.L., kand.tekhn.nauk;
KOSTENKO, M.V., prof.

Concerning I.K. Fedchenko and B.N. Kondra's article. Izv. vys.
ucheb. zav.; energ. 6 no.8:124-126 Ag '63. (MIRA 16:2)

1. Chlen-korrespondent AN SSSR (for Kostenko).
(Electric lines--Overhead)
(Fedchenko, I.K.)
(Kondra, B.N.)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001964100004-6

247 Y. L. DY, H. S.
The diffusion velocity of carbon during phase transformations in ferrous alloys. A. B. Zaitsevskiy. Zhur. Tekh. Fiz. 42, 217-21 (1966) (USSR). On the temp. of the specimen was increased at the rate of 1.5×10^3 degrees/sec. The diffusion velocity of C was measured at 2 mm/sec. (Continued)

[Temporary instructions on the manufacture of glued parquet boards] Vremennyye ukazaniya po izgotovleniyu kleennykh parketnykh dosok. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1961. 29 p.

(MIRA 15:2)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstrukttsii. 2. Laboratoriya derevyannykh konstrukttsiy Tsentral'nogo nauchno-issledovatel'skogo instituta stroitel'nykh konstrukttsiy (for Zayviy).
(Parquet floors)

ZAYUTDINOVA, L.Kh.

USSR/Virology. Viruses of Man and Animals

Abn. Jour : Ref. Zhur-Niol., No 13, 1970, 57379

Author : Strigin V. A., Bychkova V. M., ~~Vasileva~~ ^{Vasileva} A. T.,
Golovina A. F., Zaynutdinova L. Kh., Logun H. M.,
Zasnov Z. I., Prutkovskaya N. A., Gudakova P. S.

Inst : Ufa Scientific-Research Institute of Vaccines
and Sera

Title : Experimental Study of the Epidemiological Effectiveness of Antiinfluenza Vaccination

Orig Pub : Tr. Ufimsk. n.-i. in-ta vaktsin i syvorotok,
1957, vyp. 4, 205-209

Abstract : Five thousand nine hundred twenty-three persons were vaccinated with dry live vaccine ("3F") of the Moscow Scientific-Research Institute of Vaccines and Sera (Sera izmeni Moshnikov (45%) in the non-vaccinated group). The vaccine lowered disease

Card 1/2

Abstract : incidence by no less than 2.5 times. The reactivity was inconsiderable. One series of vaccines was found to be ineffective.

Card 2/2

14

2

1ST AND 2ND ORDERS

PROPERTIES AND PROPERTIES INDEX

ETCHING OF METALS AND MINERALS FOR ULTRA-VIOLET MICROSCOPY. (In Russian.) E. M. Brumberg, G. A. Zaitsev, and T. G. Porokhova. Doklady Akademii Nauk SSSR (Reports of the Academy of Sciences of the USSR), new ser., v. 73, Aug. 21, 1960, p. 1166-1168.

Technique, method of etching and preparation of specimens. Color plates illustrate results obtainable. (M21)

ASIN: SLA METALLURGICAL LITERATURE CLASSIFICATION

130- 80WIRV

031137 GOK GNY 151

130- 80WIRV

031137 GOK GNY 151

16

2 AYTSOV

Etching of Metals and Minerals for Ultra-Violet Microscopy. (In Russian.) E. M. Brumberg, G. A. Zaitsev, and T. G. Prokhorova, Doklady Akademii Nauk SSSR (Reports of the Academy of Sciences of the USSR), new ser., v. 73, Aug. 21, 1950, p. 1165-1168. Describes technique for the above. Method of etching and preparation of specimens is indicated. Color plates illustrate results obtainable.

ASR-SLA METALLURGICAL LITERATURE CLASSIFICATION

SECTION 1

SECTION 2

SECTION 3

SECTION 4

SECTION 5

SECTION 6

SECTION 7

SECTION 8

SECTION 9

SECTION 10

SECTION 11

SECTION 12

SECTION 13

SECTION 14

SECTION 15

SECTION 16

SECTION 17

SECTION 18

SECTION 19

SECTION 20

SECTION 21

SECTION 22

SECTION 23

SECTION 24

SECTION 25

SECTION 26

SECTION 27

SECTION 28

SECTION 29

SECTION 30

SECTION 31

SECTION 32

SECTION 33

SECTION 34

SECTION 35

SECTION 36

SECTION 37

SECTION 38

SECTION 39

SECTION 40

SECTION 41

SECTION 42

SECTION 43

SECTION 44

SECTION 45

SECTION 46

SECTION 47

SECTION 48

SECTION 49

SECTION 50

SECTION 51

SECTION 52

SECTION 53

SECTION 54

SECTION 55

SECTION 56

SECTION 57

SECTION 58

SECTION 59

SECTION 60

SECTION 61

SECTION 62

SECTION 63

SECTION 64

SECTION 65

SECTION 66

SECTION 67

SECTION 68

SECTION 69

SECTION 70

SECTION 71

SECTION 72

SECTION 73

SECTION 74

SECTION 75

SECTION 76

SECTION 77

SECTION 78

SECTION 79

SECTION 80

SECTION 81

SECTION 82

SECTION 83

SECTION 84

SECTION 85

SECTION 86

SECTION 87

SECTION 88

SECTION 89

SECTION 90

SECTION 91

SECTION 92

SECTION 93

SECTION 94

SECTION 95

SECTION 96

SECTION 97

SECTION 98

SECTION 99

SECTION 100

ZAYTSEVSKIY, V.

Maximum loading capacity of timber carriers. Mor. flot 25 no.8:
10-11 Ag '65. (MIRA 18:2)

1. Starshiy shturman gazoturbokhoda "Pavlin Vinogradov"
Severnogo parokhodstva.

ZAYTSEVSKIY, Igor' Yur'yevich; RADOMYSEL'SKIY, Mark Il'ich;
LISOV, V.Ye., red.; TARASOVA, T.K., mlad. red.;
PONOMAREVA, A.A., tekhn. red.

[Analysis of the carrying out of a plan for developing the
local economy and culture of a region] Analiz vypolneniia
plana razvitiia mestnogo khoziaistva i kul'turnogo stroitel'-
stva raiona. Moskva, Ekonomizdat, 1963. 105 p.
(MIRA 16:4)

(Economic policy) (Regional planning)

ZAYTSEVSKIY, I.Ye., zootekhnik.

Don't oppose but adapt. Nauka i pered. op. v sel'khoz. 7 no.5:73-
75 My '57. (MIRA 10:6)

1. Ptitsesovkhoza "Yasnaya Polyana", Stavropol'skogo kraya.
(Poultry)

ZAYTSEVSKIY I. G.
1. ZYATSEVSKIY, I. G.

2. USSR 600

4. Poultry - Moscow Province

7. Progressive practice in raising chickens in collective farm poultry sections in Mytishchi and Pushkino Districts (Moscow Province), Ptitsevodstvo, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. ZAYTSEVSKIY, I. G.
2. USSR (600)
4. Poultry
7. Raising the young of domestic fowl. Ptitsevodstvo No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

1. ZAYTSVESKIY, I. G.
2. USSR (600)
4. Poultry Houses and Equipment
7. Heating brooder houses with underground flues. Ptitsvodstvo no. 3, 1952.

7. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified

1. ZAYTSEVSKIY, I. G.
2. USSR 600
4. Moscow Province - Poultry
7. Progressive practice in raising chickens in collective farm poultry section in Mytishchi and Pushkino Districts (Moscow Province), Ptitsevodstvo, No. 1, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ZAYTSEVSKIY, I. G.

37441. Kolkhoznoye ptitsevodstvo v stavropol'skom kraye. Sots. Zhivotnovodstvo,
1949, No. 8, s. 72-80.

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

ZAYTSEVSKIY, (Teacher at the Tomsk Antiaircraft Artillery School)

Zaytsevskiy, Teacher at the Tomsk Antiaircraft Artillery School - Identified in article, "Scientific Work of Teachers at the School," by Lt Col Z S. DASHKOV, as a teacher of the fundamentals of Marxism-Leninism. He worked hard on his dissertation, "The Tomsk Organization of the RSDRP (Russian Social Democratic Workers Party) During the Period of the First Russian Revolution, 1905-1907," and recently received the degree of candidate of historical sciences. (Krasnaya Zvezda, 4 Mar 54)

SO: SUM 175, 6 August 1954

ZAYTSEVSKAYA, V.G.

Distribution of polysaccharides in the cornea and crystalline lens of the rat. Izv.AN SSSR.Ser.biol. no.2:245-249 Mr-Apr '59. (MIRA 12:5)

1. Institute of Animal Morphology, Academy of Sciences of the U.S.S.R., Moscow.
(POLYSACCHARIDES) (CORNEA) (CRYSTALLINE LENS)

ZAYTSEVSKAYA, V.G.

Some peculiarities of the fat metabolism of the cornea and the
crystalline lens. Oft.zhur. 14 no.8:466-471 '59. (MIRA 13:4)

1. Iz Instituta morfologii zhivotnykh im. A.N. Severtseva Akademii
nauk SSSR,
(FAT METABOLISM) (CORNEA) (CRYSTALLINE LENS)

ZAYTSEVSKAYA, M.M., inzh.; MILOV, B.G., doktor tekhn.nauk

New type of cover paper. Bum.prom. 35 no.4:13 Ap '60.

(MIRA 13:10)

1. Moskovskiy filial Tsentral'nogo nauchno-issledovatel'skogo
instituta tsellyuloznoy i bumazhnoy promyshlennosti.
(Penza--Paper)

ZAYTSEVSKAYA, M.M.; FINKEL'SHTEYN, M.Z.; TIMOKHIN, I.M.

Use of the sodium salt of carboxymethylcellulose in the manufacture of wallpaper. Bum. prom. 34 no.11:9-10 N '59. (MIRA 13:3)

1.Moskovskiy filial TSentral'nogo nauchno-issledovatel'skogo instituta tsellyuloznoy i bumazhnoy promyshlennosti (for Zaytsevsкая). 4.Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. I.M. Gubkina (for Finkel'shteyn, Timokhin).
(Wallpaper) (Cellulose)

ZAYTSEVA-TUSHNOVA, Ye. N., Candidate Biol Sci (diss) -- "The biology of development of cultivated tulips under conditions of the central zone of the USSR". Moscow, 1959. 20 pp (Moscow Order of Lenin Agric Acad im K. A. Timiryazev), 110 copies (KL, No 23, 1959, 163)

ZAYTSEVA-ONIKIYENKO, A. I.

600

USSR (600)

"Mushroom Root (Gribokeren') - An Example of Mutual Assistance in the
Plant Workd" Yestestvoznanie v Shkole, 1950, No 5.

Mikrobiologiya, Vol XX, No 5, 1951
00-W-24635

ZAYTSEVA*ONIKIYENKO, A. I.

"Mushroom Root (Gribokoren') - An example of Mutual Assistance in the Plant World", Yestestvoznaniye v Shkole (Natural Science in the School), No. 5, pp 21-26, 1950.

ZAYTSEVA-BRYAKNOVA, T. P.

ZAYTSEVA-BRYAKNOVA, T. P. -- "Investigation of Higher Nervous Activity in Cases of Rickets." Gor'kiy State Medical Inst imeni S. M. Kirov. Gor'kiy, 1955. (Dissertation for the Degree of Candidate in Medical Sciences)

30: Knizhnaya Letopis', No 1, 1956

ZAYTSEVA-GRYAZNOVA, T.P., kand.med.nauk

~~Herpes simplex~~ pustulosis. Vop.okh.mat. i det. 4 no.2:74-76
Mr-Ap '59. (MIRA 12:5)

1. Iz kafedry gosptal'noy pediatrii (zav. - prof. B.I.Gurvich)
Gor'kovskogo meditsinskogo instituta im. S.M.Kirova i Gorodskoy
detskoy klinicheskoy bol'nitsy g.Gor'kogo (glavnyy vrach Ye.G.
Krupko).

(HERPES SIMPLEX)

ZAYTSEVA-GRYAZNOVA, T.P., kand.med.nauk; SENCHUKOVA, Ye.M.

Clinical aspects and treatment of Candida diseases in young children. Vop.okh.mat.i det. 5 no.1:40-45 Ja-F '60. (MIRA 13:5)

1. Iz kafedry gosspital'noy pediatrii (zav. - prof. B.I. Gurvich) Gor'kovskogo meditsinskogo instituta imeni S.M. Kirova (dir. - dotsent N.N. Mizinov) i Gorodskoy detskoy klinicheskoy bol'nitsy (glavnyy vrach Ye.G. Krupko).
(MONILIASIS)

ZAYTSEV, P.M.; ZAYTSEVA, Z.V.

Polarographic study of the system monoethanolamine - formaldehyde.
Ukr. khim. zhur. 31 no.8:820-827 '65. (MIRA 18:9)

1. Severodonetskiy filial Gosudarstvennogo nauchno-issledovatel'skogo
i proyektного instituta azotnoy promyshlennosti i produktov organiche-
skogo sinteza.

LUBYANITSKIY, I.Ya.; ZAYTSEV, P.M.; ZAYTSEVA, Z.V.

Polarographic study of the aci-nitro conversion of 1,2-nitrocyclohexanol and 1-nitrocyclohexene. Elektrokhimiya 1 no.8:990-992 Ag '65. (MIRA 18:9)

1. Gosudarstvennyy institut azotnoy promyshlennosti, Severodonetskiy filial.

TUR'YAN, Ya.I.; VAKHRUSHEV, Yu.A.; Primali uchastiye: ZAYTSEVA, Z.V.;
TUKOVA, A.V.

Polarographic analysis of a mixture of terephthalic, p-toluic,
nitroterephthalic, and 3-nitro-p-toluic acids. Zhur.anal.khim.
17 no.1:121-125 Ja-F '62. (MIRA 15:2)

1. Institute of Nitrogen Industry, Lisichansk Branch.
(Terephthalic acid) (Toluic acid) (Polarography)

FILIPPOV, M.P.; ZAYTSEVA, L.F.; ZAYTSEVA, Z.V.; CHUKUR, A.P.

Determination of vinyl alkyl adipates in their mixture with vinyl acetate by the bromide-bromate method. Zhur. anal. khim. 20 no.1:132-134 '65. (MIRA 18:3)

1. Severodonetskiy filial Gosudarstvennogo nauchno-issledovatel'skogo i proyektного instituta azotnoy promyshlennosti i produktov organicheskogo sinteza.

L 12635-63
ACCESSION NR: AP3001522

shifts towards more negative values. Mixtures of known composition analyzed by this method gave a maximum error of 6.6%. (Abstracter's note: The 10 volume% of methanol given in the abstract is incorrect, and should read 40 volume%.) Orig. art. has: 3 tables.

ASSOCIATION: Lisichanskiy filial gosudarstvennogo nauchno-issledovatel'skogo instituta azotnoy promyshlennosti i produktov organicheskogo sinteza (Lisichan Branch of the State Scientific Research Institute of the Nitrogen Industry and Organic Synthesis Products)

SUBMITTED: 000

DATE ACQ: 17Jun63

ENCL: 00

SUB CODE: 00

NO REF SOV: 002

OTHER: 001

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Card 2/2

L 12635-63 EWP(j)/KPK(c)/EWI(a)/BDS Po-4/Po-4 RM/MM/JW
ACCESSION NR: AP3001522 S/0032/63/029/006/0656/0657

AUTHOR: Zaitsev, P. M.; Zaitseva, E. V.

TITLE: Polarographic determination of 1,1-nitromethylcyclopentane and nitrobenzene in nitrocyclohexane

SOURCE: Zavodskaya Laboratoriya, v. 29, no. 6, 1963, 656-657

TOPIC TAGS: polarographic determination, nitromethylcyclopentane, nitrobenzene, nitrocyclohexane

ABSTRACT: It is possible to determine 1,1-nitromethylcyclopentane polarographically in an alkaline nitrocyclohexane media due to the transformation of the latter in a polarographically inactive aci-form. The work was conducted with an electronic polarograph PE-312 with a saturated calomel electrode serving as anode. It was found that in a medium of 1-normal NaOH, containing 4% methanol by volume, nitrobenzene gives a polarographic wave with PHI sub one-half equal to -0.78 volt, as against 1,1-nitromethylcyclopentane's -1.09 volt. The difference of 0.30 volt between the half wave potentials allows their separate determination where both are present. It was found that within the experimental pH range the constant of the diffusion current has a constant value of 7.5, and that with an increase in pH the half-wave potential gradually

66
65

ACCESSION NR: AP3001522

shifts towards more negative values. Mixtures of known composition analyzed by this method gave a maximum error of 6.6%. (Abstracter's note: The 10 volume% of methanol given in the abstract is incorrect, and should read 40 volume%.) Orig. art. has: 3 tables.

ASSOCIATION: Lisichanskiy filial gosudarstvennogo nauchno-issledovatel'skogo instituta azotnoy promyshlennosti i produktov organicheskogo sinteza (Lisichan Branch of the State Scientific Research Institute of the Nitrogen Industry and Organic Synthesis Products)

SUBMITTED: 000

DATE ACQ: 17Jun63

ENCL: 00

SUB CODE: 00

NO REF SOV: 002

OTHER: 001

Card 2/2

BM(1)/KPF(c)/EWI(m)/BDS

FO-1/Pr-1

RM/WM/JW

S/0032/63/023/006/0656/0657

1.12625-12 ENR(j)/KPF(c)/BRI(a)/EDS Po-1/Pr-1 RM/WM/JW
ACQUISITION NO: JP3001522 8/0032/63/029/006/0656/0657

AUTHOR: ZAVODSKAYA, P. M.; ZAVTSOVA, L. V.

TITLE: Polarographic determination of 1,1-nitromethylcyclopentane and nitrobenzene in nitrocyclohexane

SOURCE: Zavodskaya laboratoriya, v. 29, no. 6, 1963, 656-657

TOPIC TAGS: polarographic determination, nitromethylcyclopentane, nitrobenzene, nitrocyclohexane

ABSTRACT: It is possible to determine 1,1-nitromethylcyclopentane polarographically in an alkaline nitrocyclohexane media due to the transformation of the latter in a polarographically inactive aci-form. The work was conducted with an electronic polarograph PE-312, with a saturated calomel electrode serving as anode. It was found that in a medium of 1-normal NaOH, containing 40% methanol by volume, nitrobenzene gives a polarographic wave with PHI sub one-half equal to -0.76 volt, as against 1,1-nitromethylcyclopentane's -1.08 volt. The difference of 0.30 volt between the half wave potentials allows their separate determination where both are present. It was found that within the experimental pH range the constant of the diffusion current has a constant value of 7.5, and that with an increase in pH the half-wave potential gradually

Polarographic determination of the coefficients of distribution of nitrocyclohexane in the system water - cyclohexane and of picric acid in the system water - cyclohexane (in the presence of nitrocyclohexane). Zhur.prikl.khim. 35 no.7:1580-1583 J1 '62. (MIRA 15:8)

1. Lisichanskiy filial Gosudarstvennogo instituta azotnoy promyshlennosti i produktov organicheskogo sinteza.
(Cyclohexane) (Picric acid)

ZAYTSEVA, Z. M., ALIHHANYAN, S. I., MENDLEN, S. Z., CHERKES, B. Z.,
KLEYNER, E. M., KHOKHLOV, A. S., and ORLOVA, N. V. (USSR)

"Synthesis of Oxytetracycline in Inactive Mutants of *Actinomyces*
rimosus."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

ZAYTSEVA, Z.M.; MIKHAYLOVA, G.R.

Effect of the introduction of mineral phosphorus into the medium
on the development of Act. rimosus. Antibiotiki 6 no.1:20-25 Ja
'61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(PHOSPHORUS) (ACTINOMYCES)